Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_\_\_\_\_\_

**Comparing Structures**

**“Fossils by Similarity”**

1. Which characteristics did you use to group these organisms? (Please be specific)
2. Which was the most difficult to group/categorize? Why?

**“Fossils by Age”**

1. How did you decide where to place each organism on the timeline?
2. Which was the most difficult to place? Why?

Place a picture of your “fossil” organization here.

**Trilobite Readings**

My color is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Write 1 sentence summarizing each paragraph of your reading:

Paragraph 1:

Paragraph 2:

Paragraph 3:

**Trilobite Fossils by Similarity**

1. Which numbers did you group together?
2. Which characteristics did you use to group these organisms? (Please be specific)
3. Which was the most difficult to group/categorize? Why? (EXPLAIN)

**Trilobite Fossils by Age**

Place a picture of your “fossil” organization here.

1. How did you decide where to place each organism?
2. What made you think an organism was older?

Younger? (Please be specific)

1. Which was the most difficult to group/categorize? Why? (EXPLAIN)

Partner Group by Age

1. Did this group organize the same as your group? If not, EXPLAIN. Note any specific differences.

**Reflection**

1. Compared to the actual timeline, were you accurate? EXPLAIN
2. Why did we always put the oldest on the bottom?
3. What was frustrating about this activity?
4. What would have made it easier to complete accurately?
5. Think about actual scientists…do they ever get an actual answer? EXPLAIN
6. How can scientists use fossils to predict possible connections/relationships to other organisms?
7. Are there any organisms today that you think could be related to the trilobite? Why do you think this?